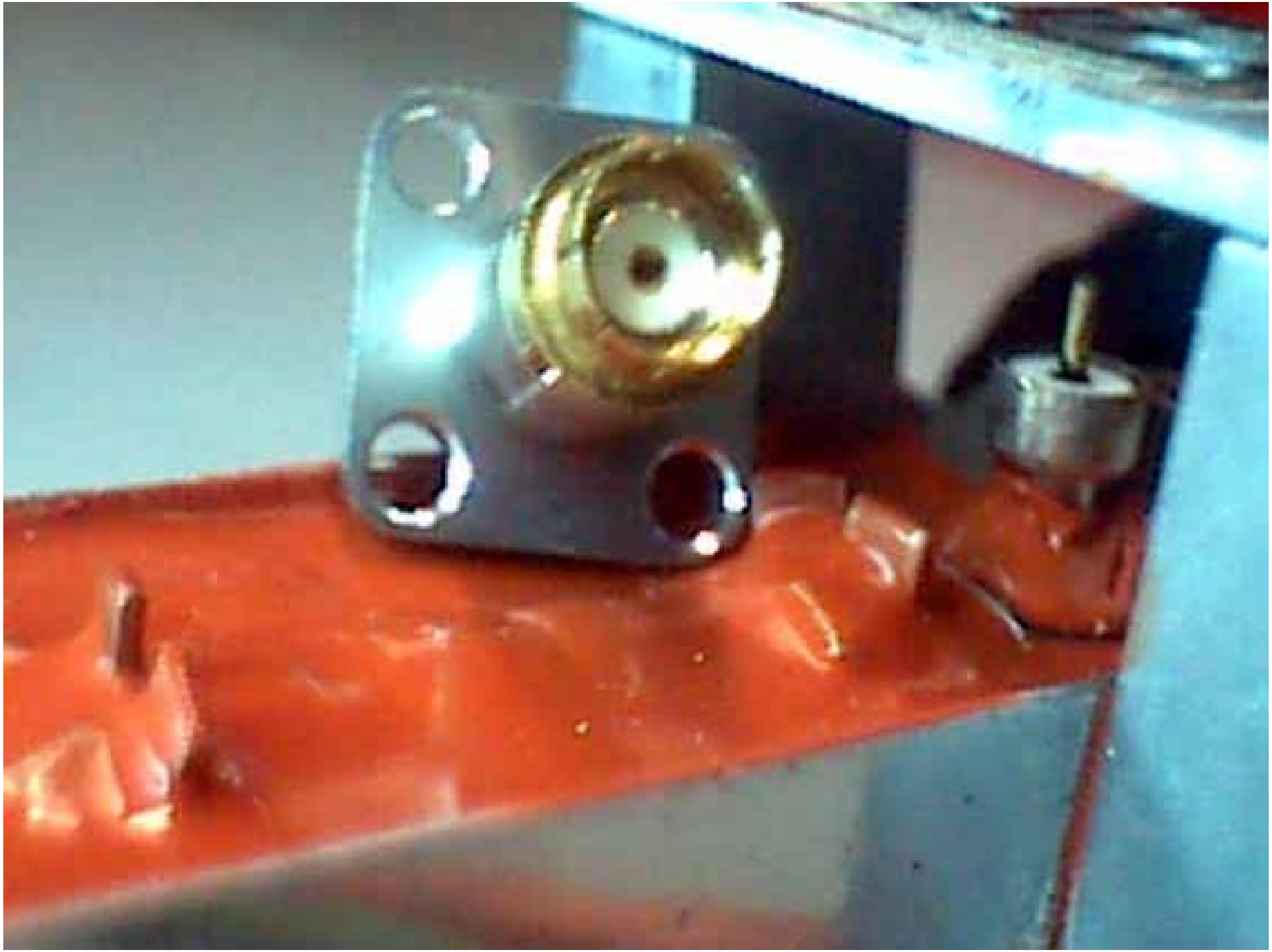
To improve Power output

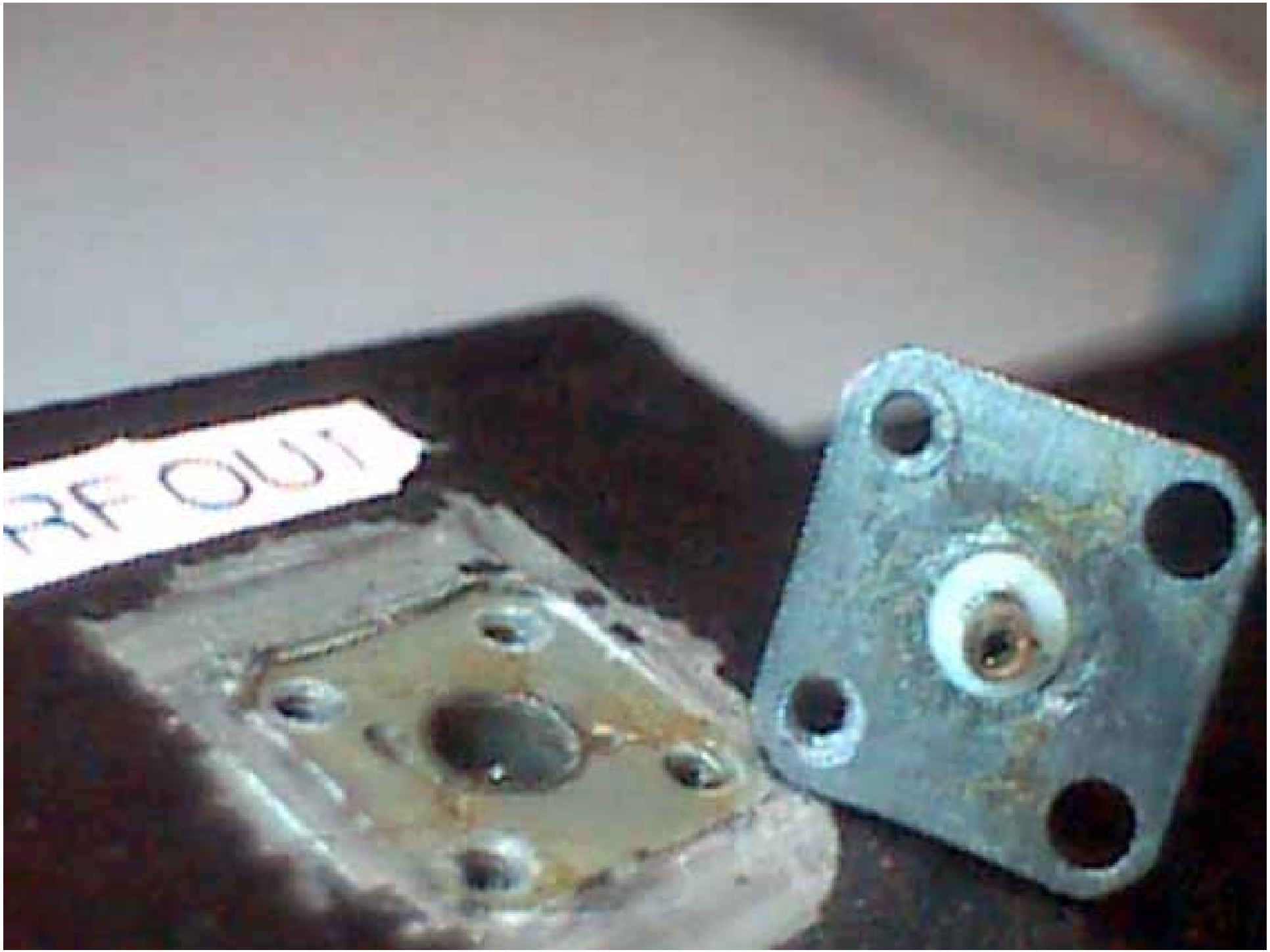
SMA-WG (10-24 GHz) substitution

Little adjustement for

TWT RW1136-2135

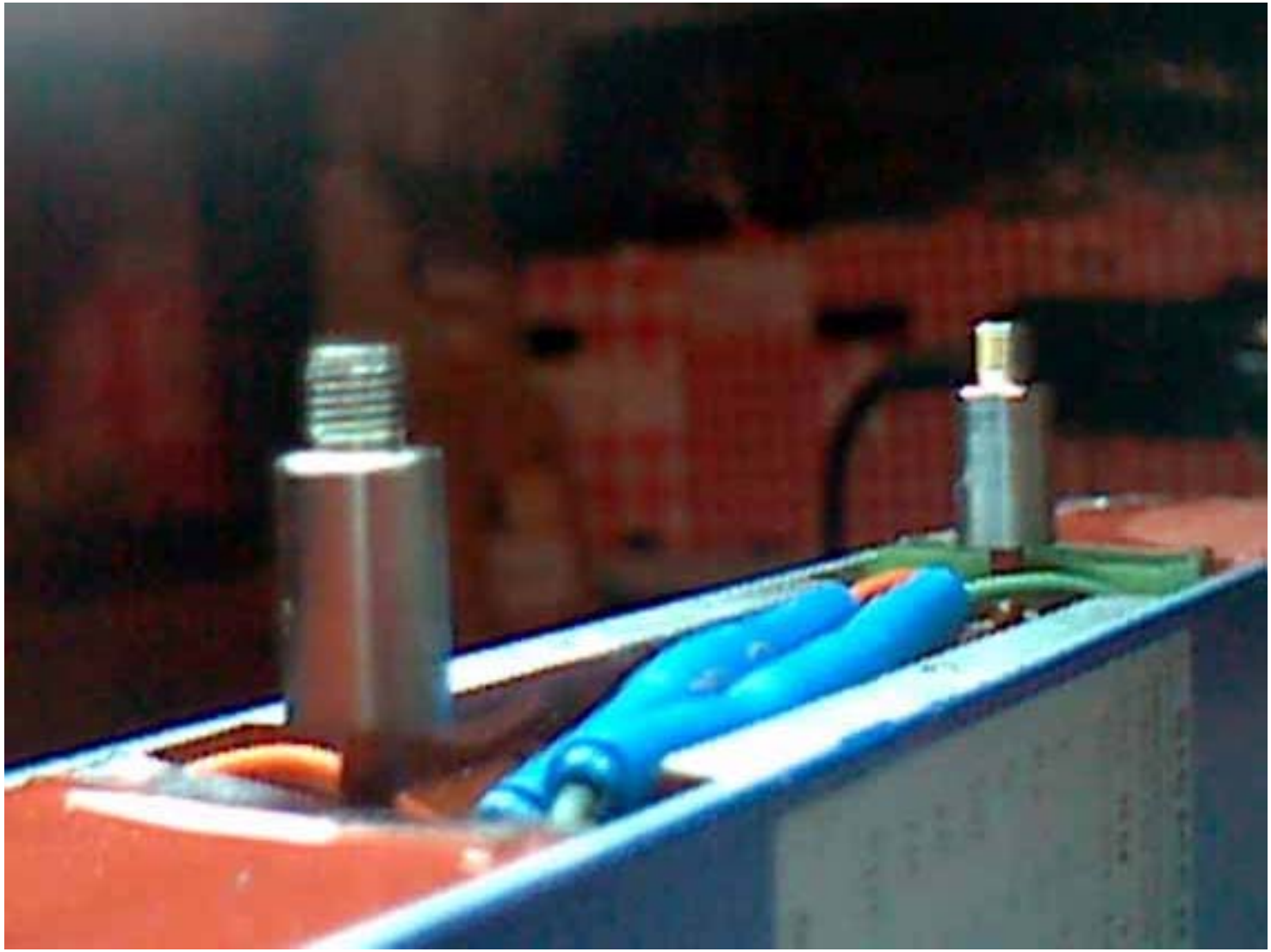
- We can substitute SMA output connector of many kind of TWT.
- Next three pics are Varian, Litton, EEV tube



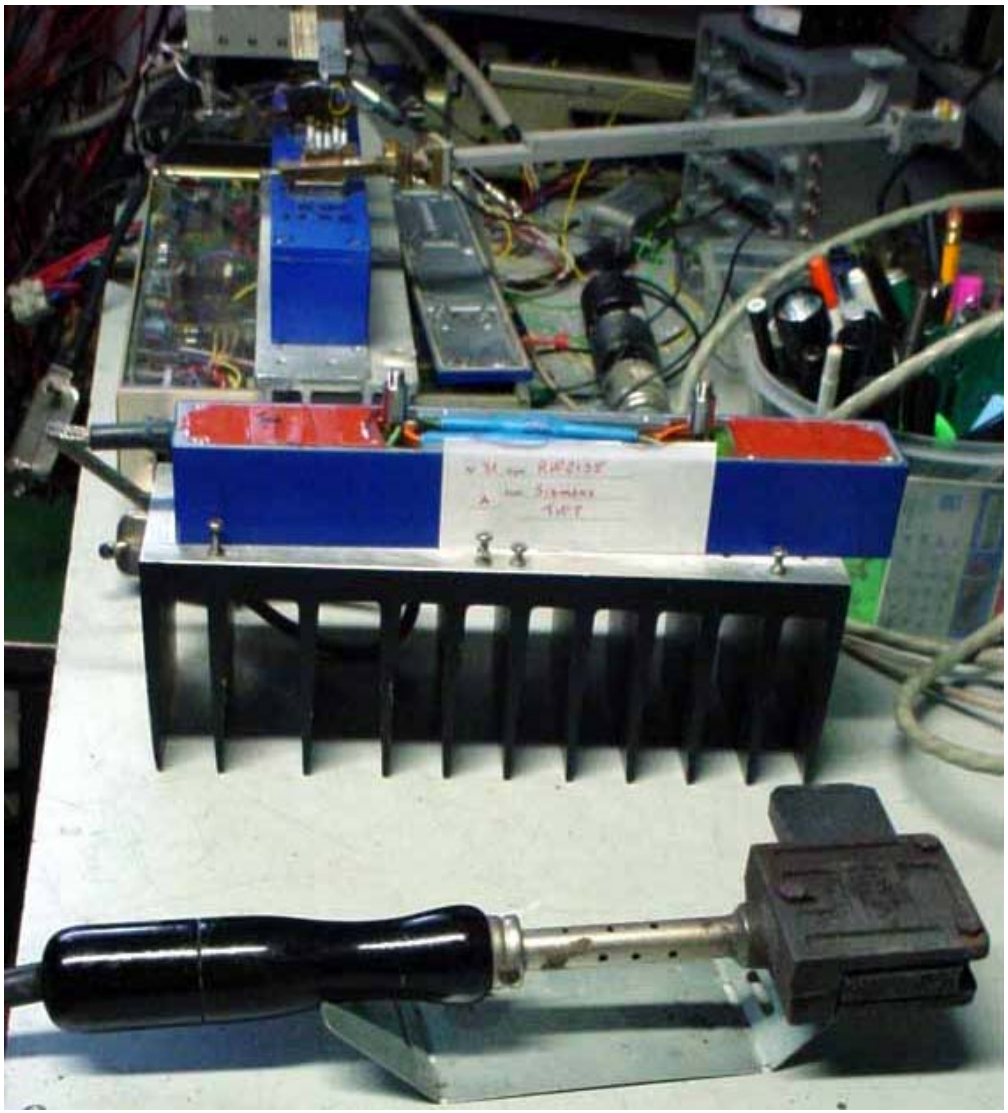

RF OUT

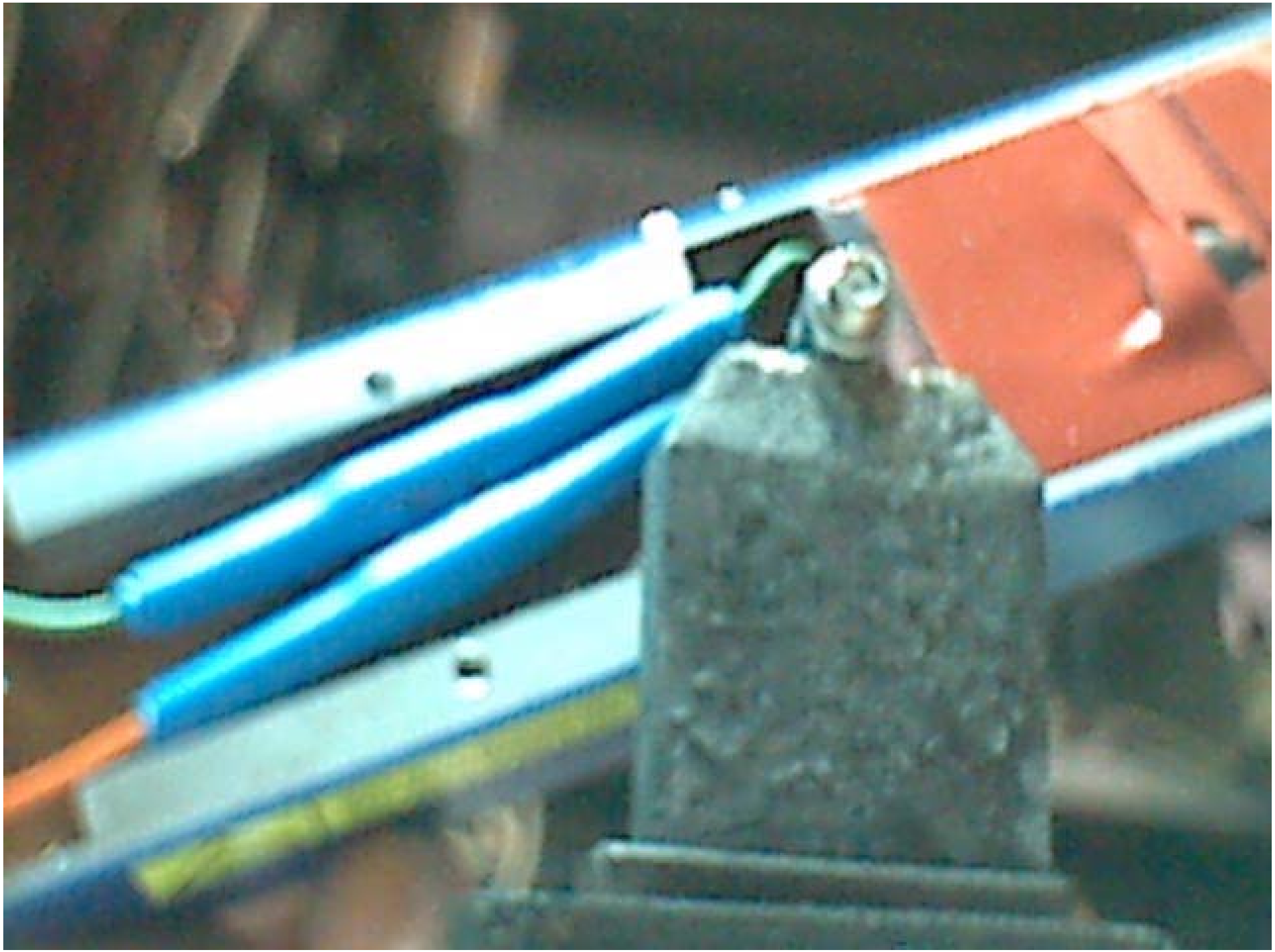
This is tipical connector of recent Siemens RW series TWT

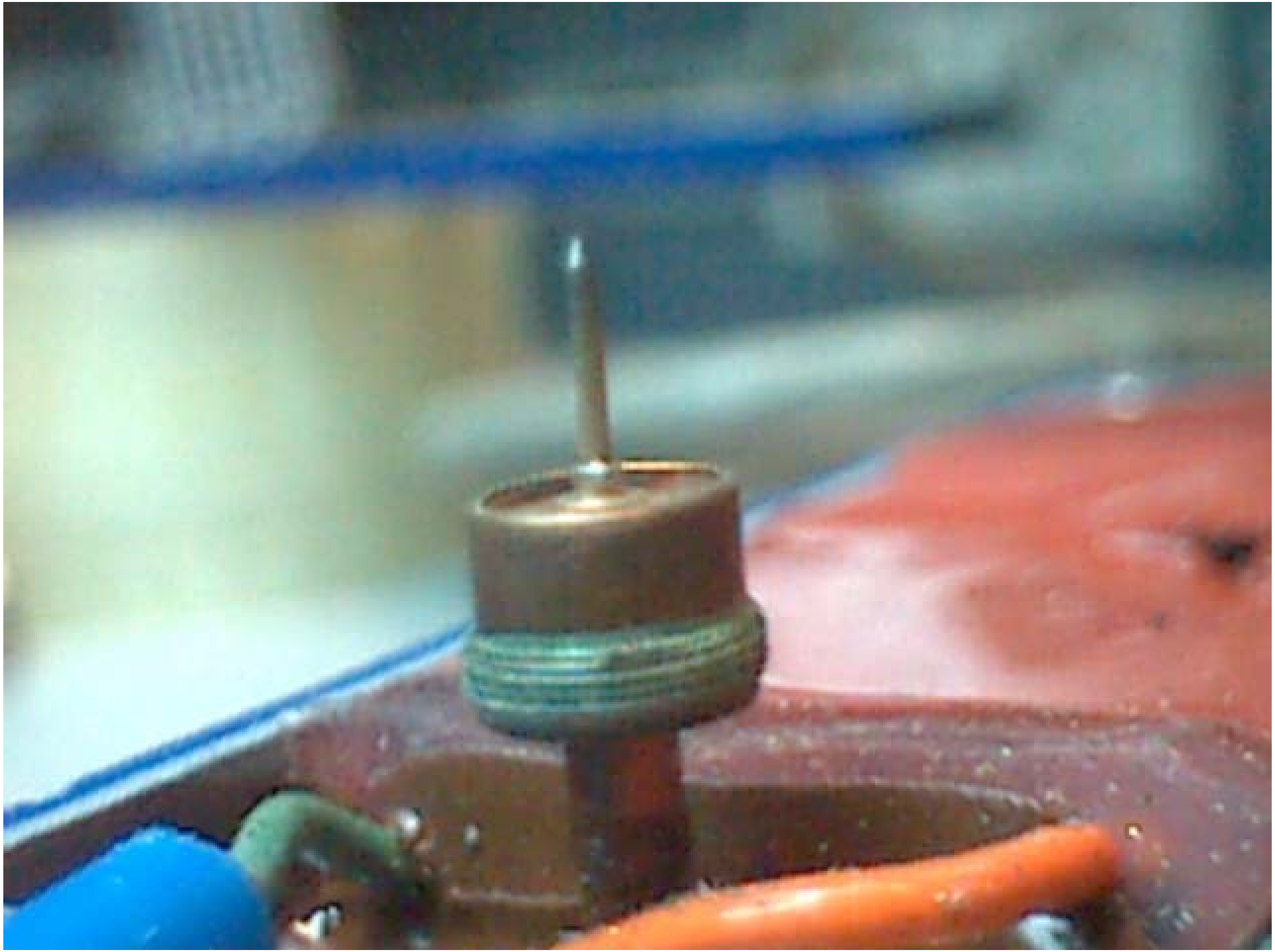
Without twt head

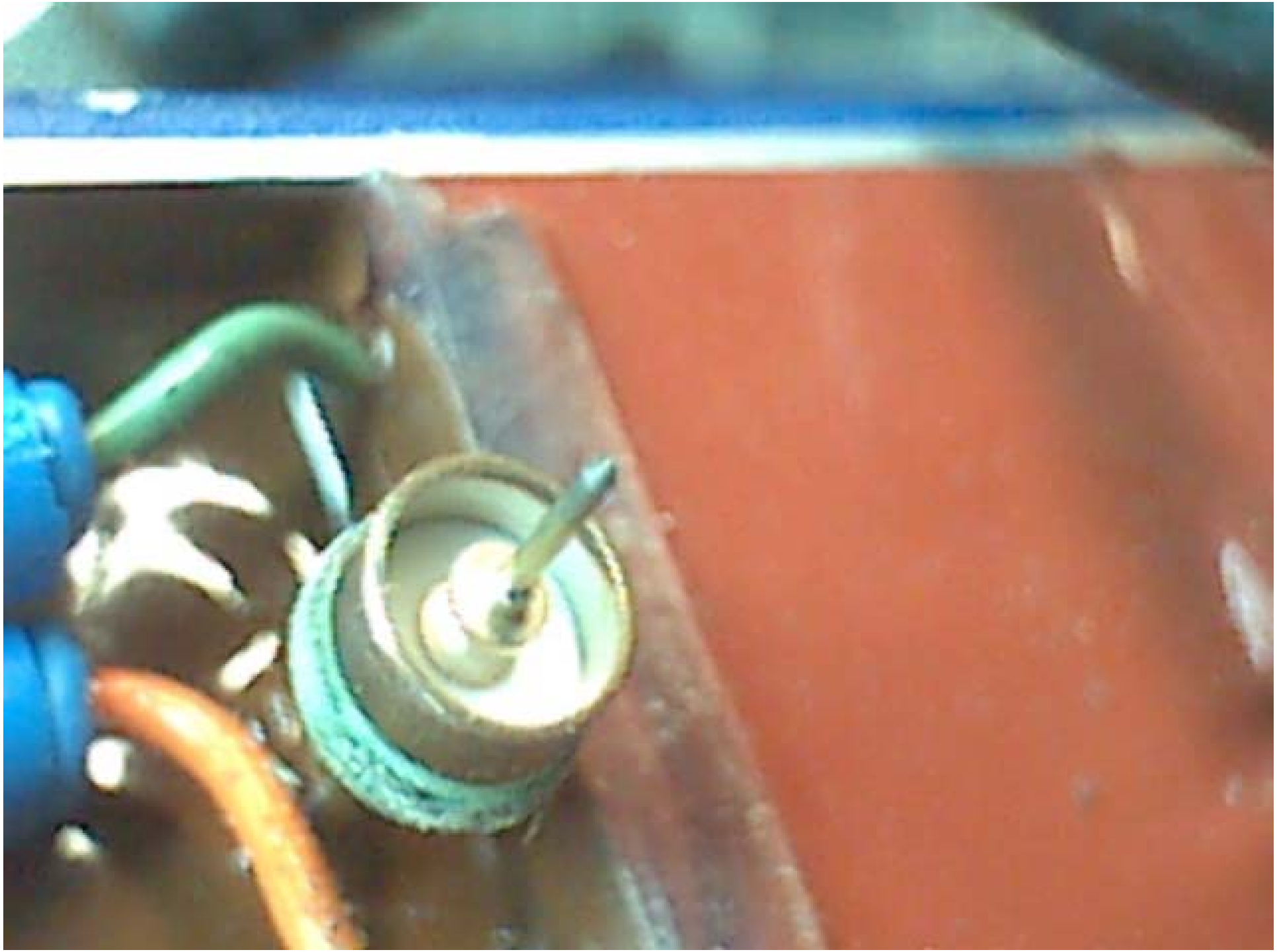


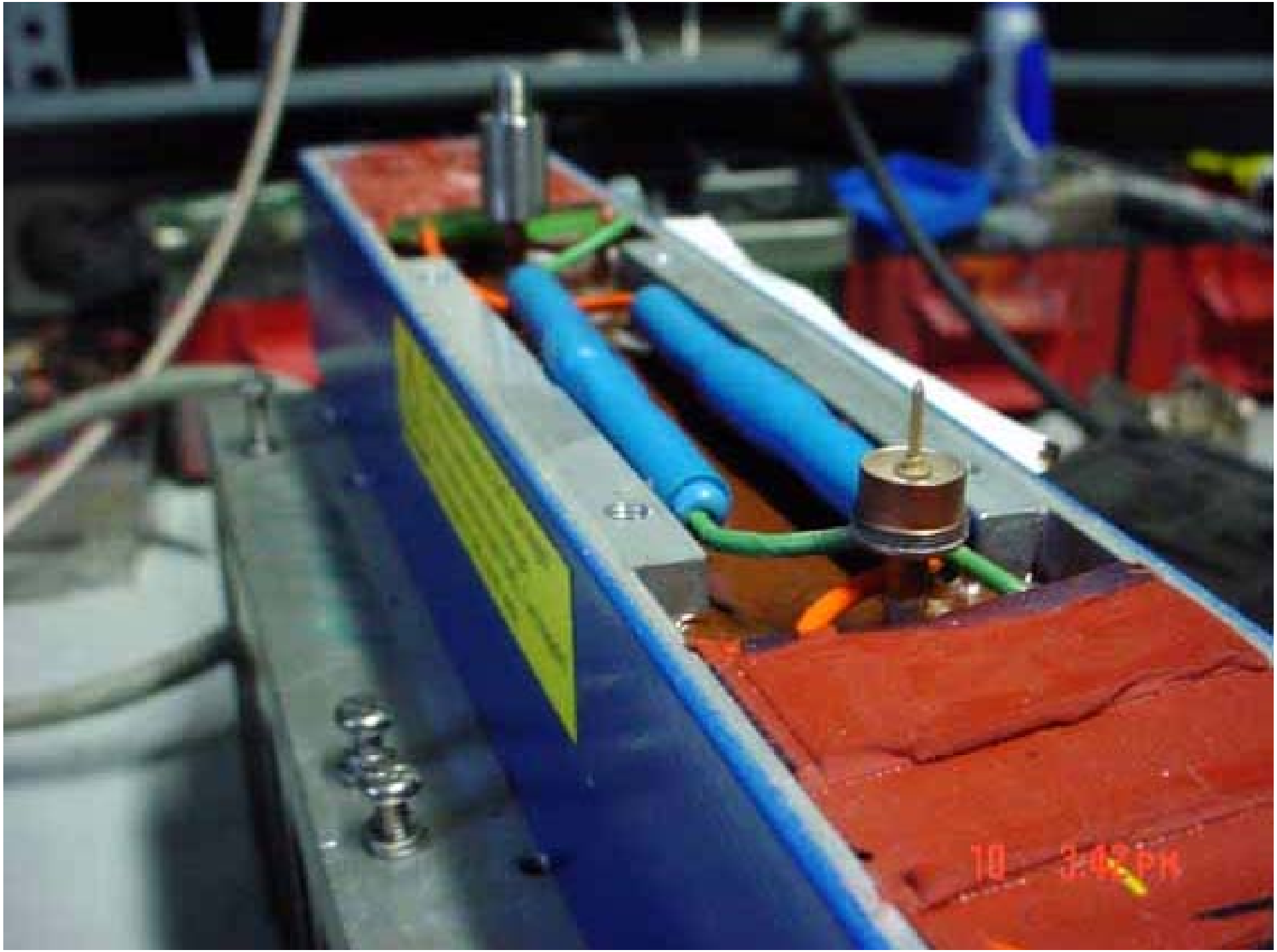
A “heavy” soldering iron needs

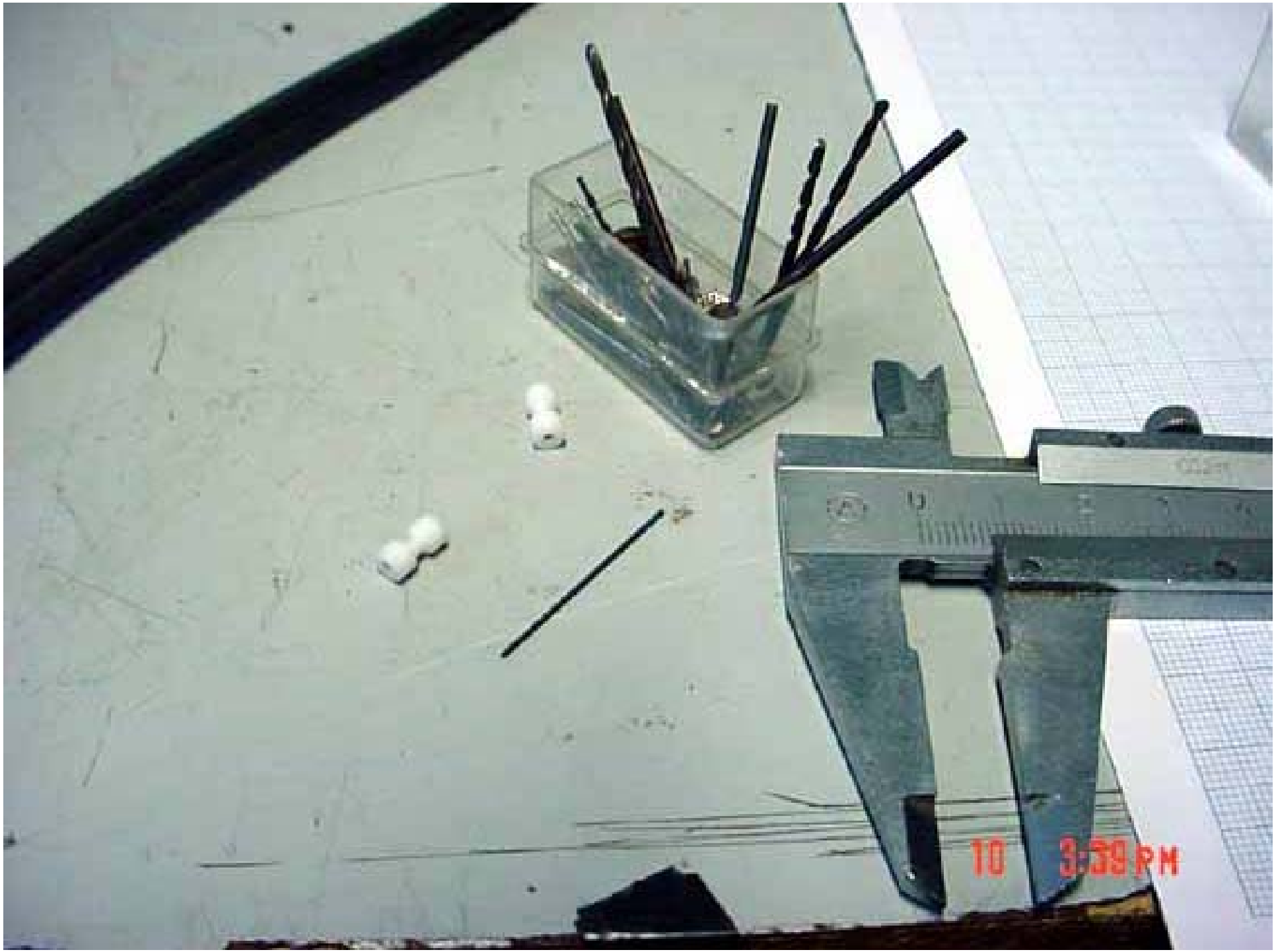






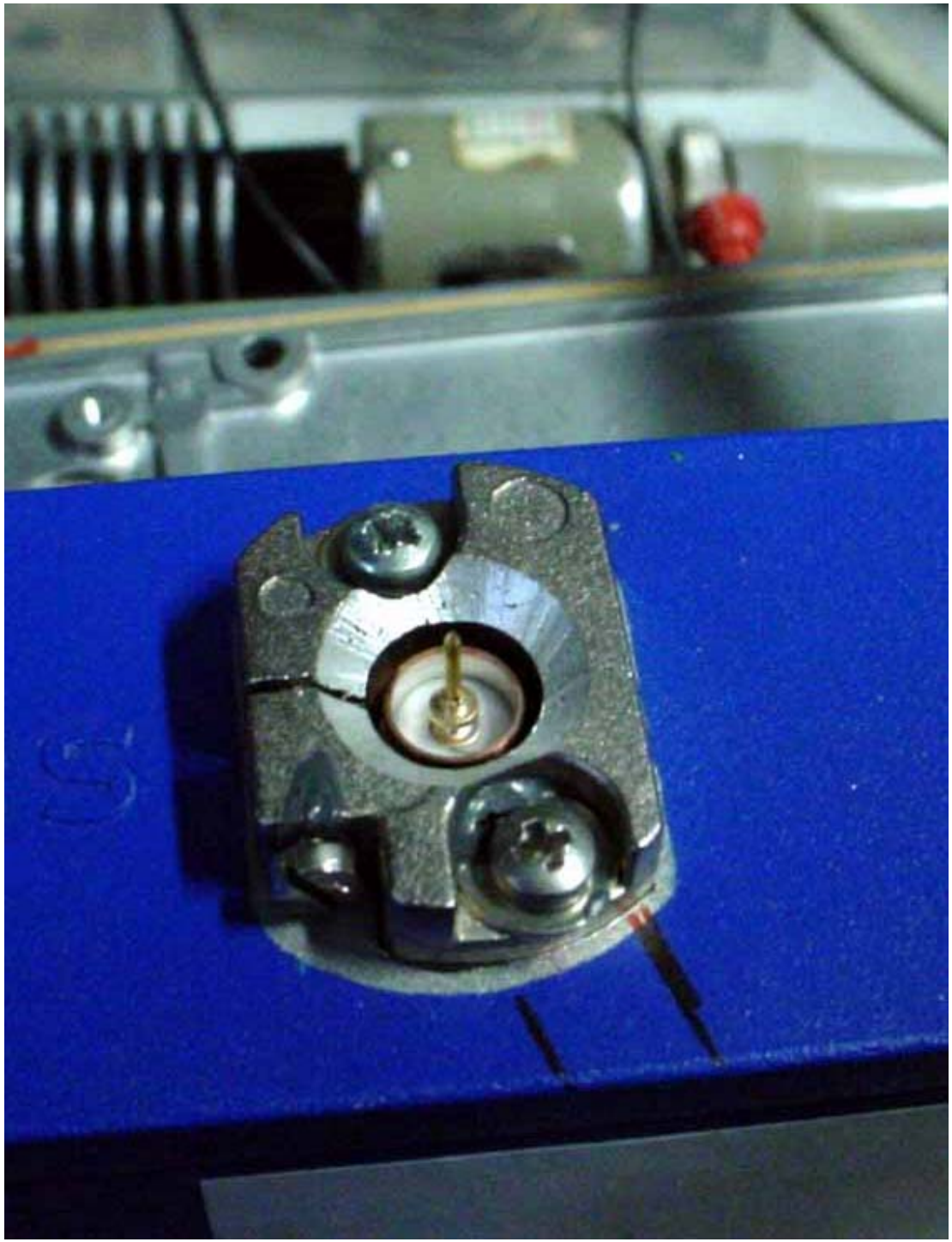





10 3:39 PM

To turn smoothly to have exact feeder height inside WG


RW1136-2135

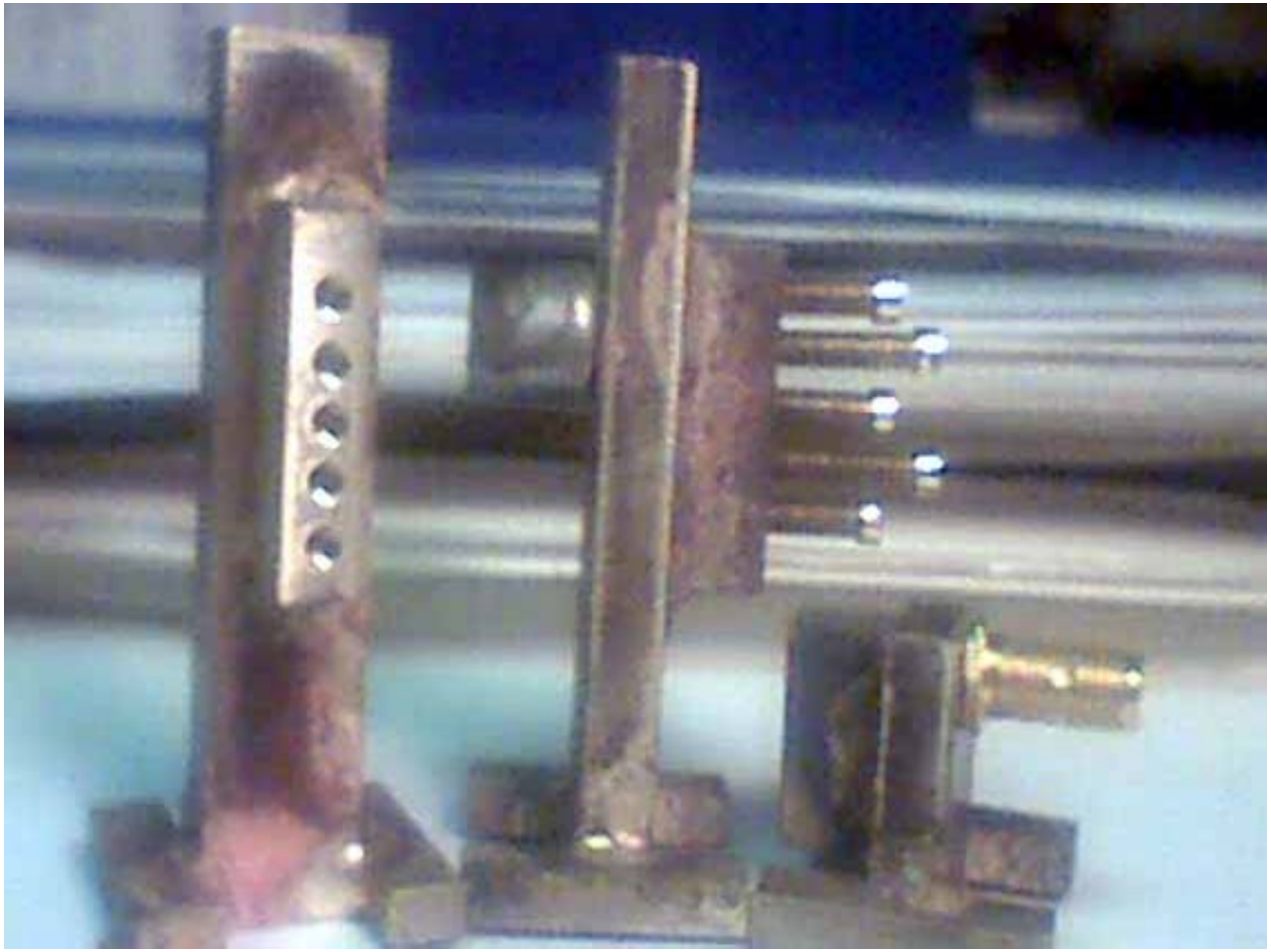


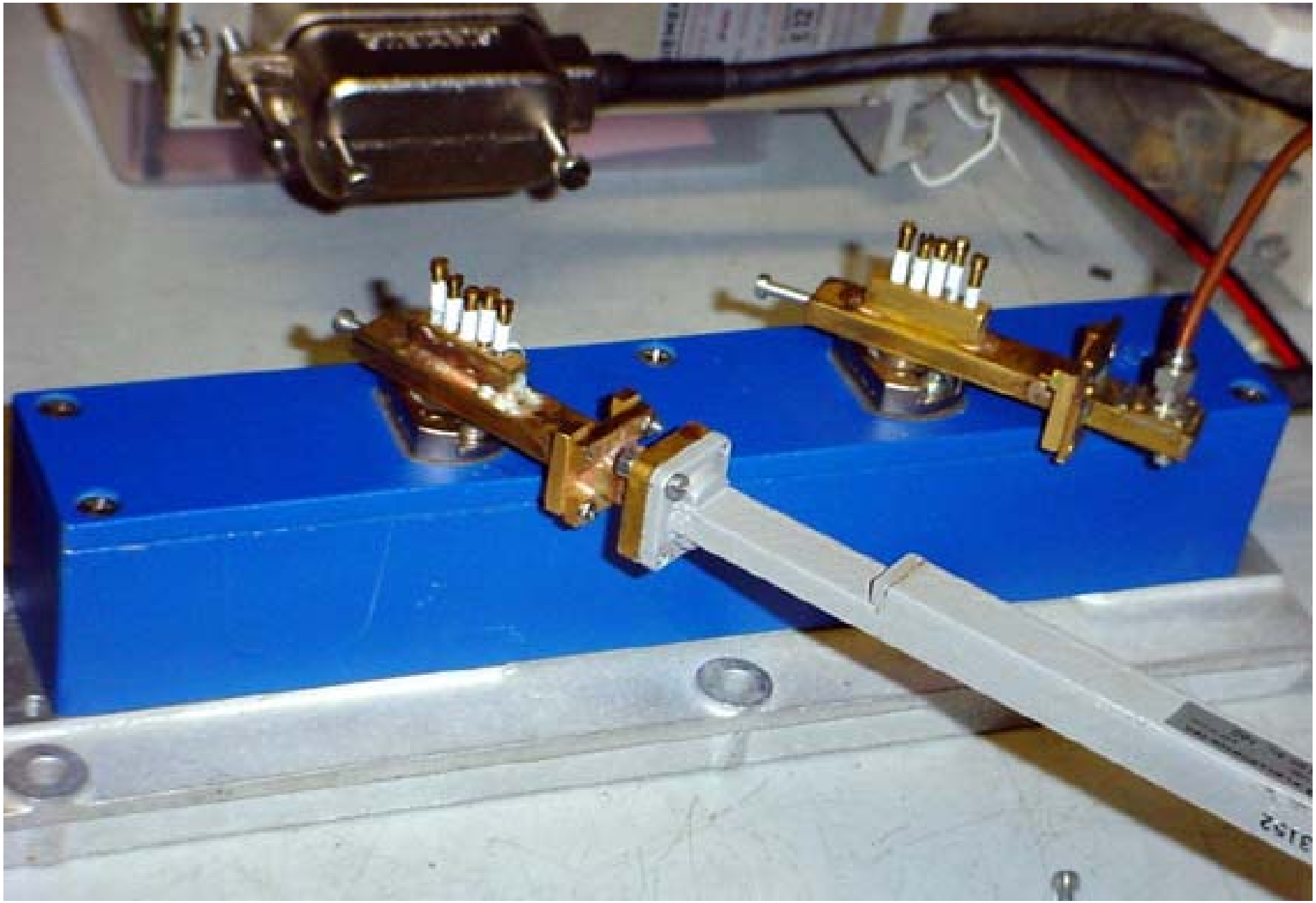

RW
21
10 4:18PM

SIEMENS
RW 2175
SIEMENS
RW 4256

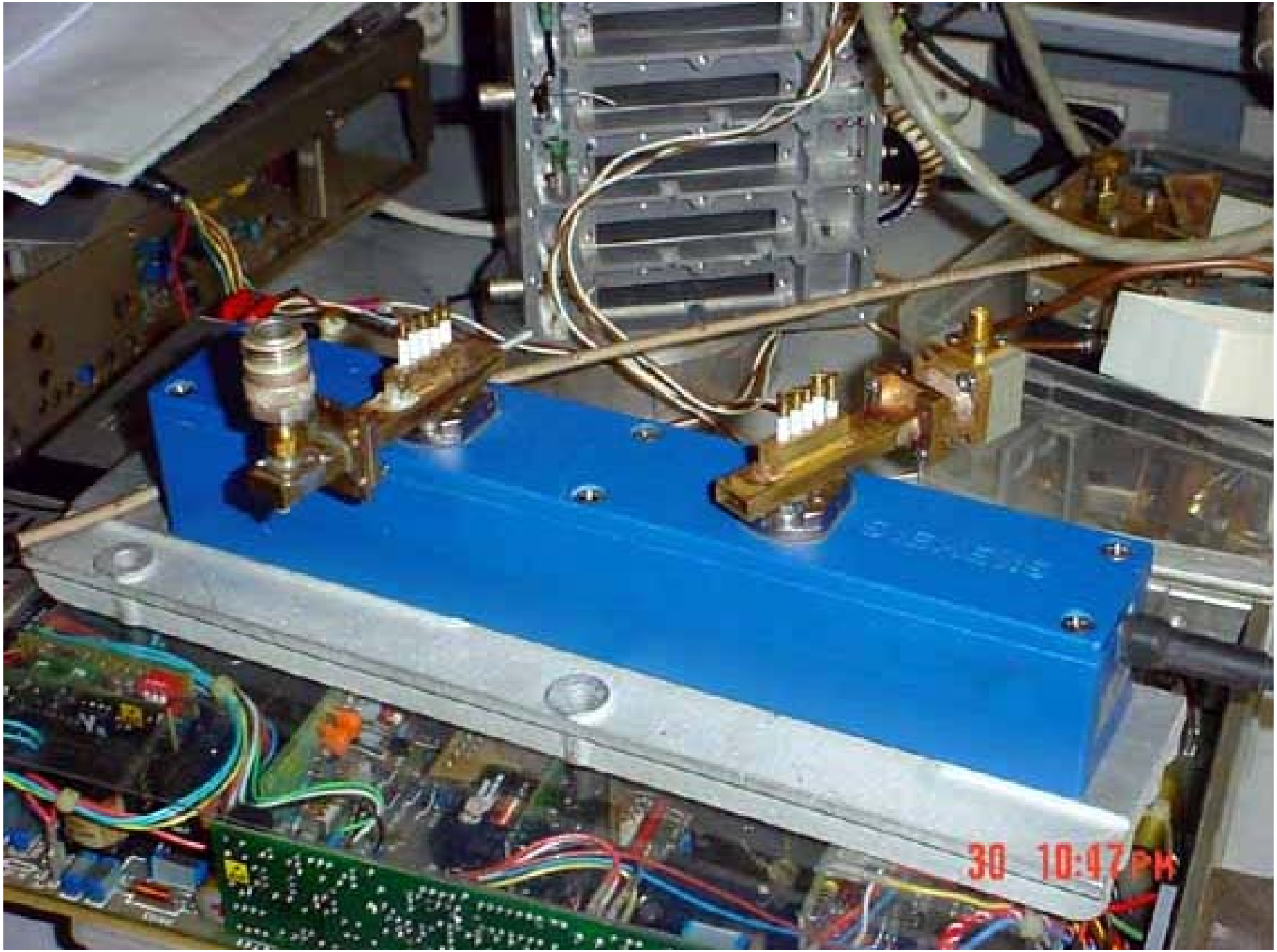
24 GHz


LDO



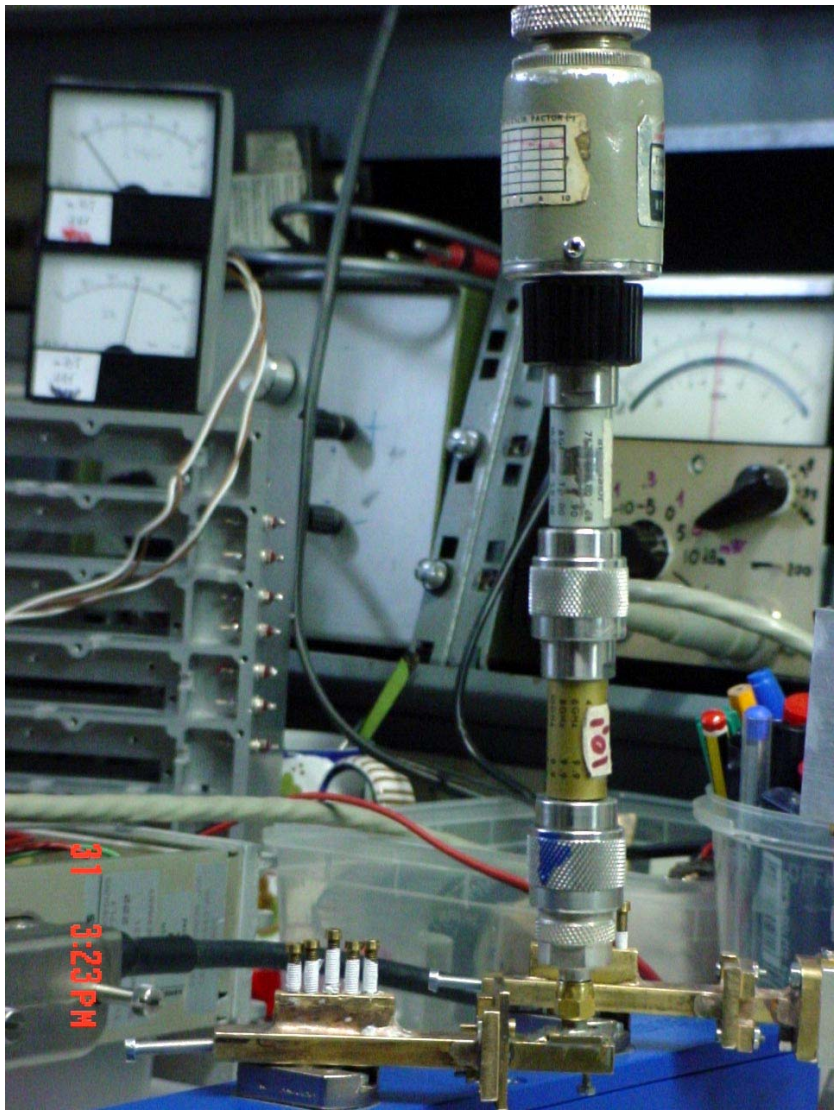



13 10:45 PM

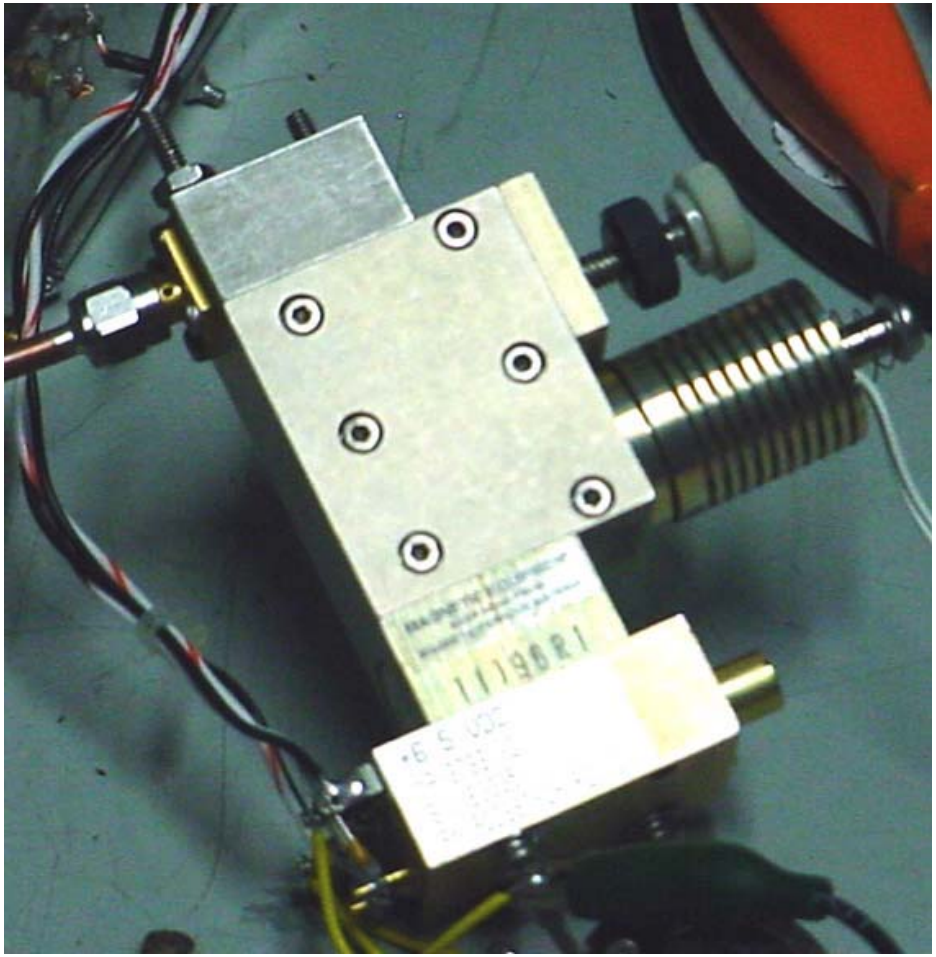

30 10:47 PM

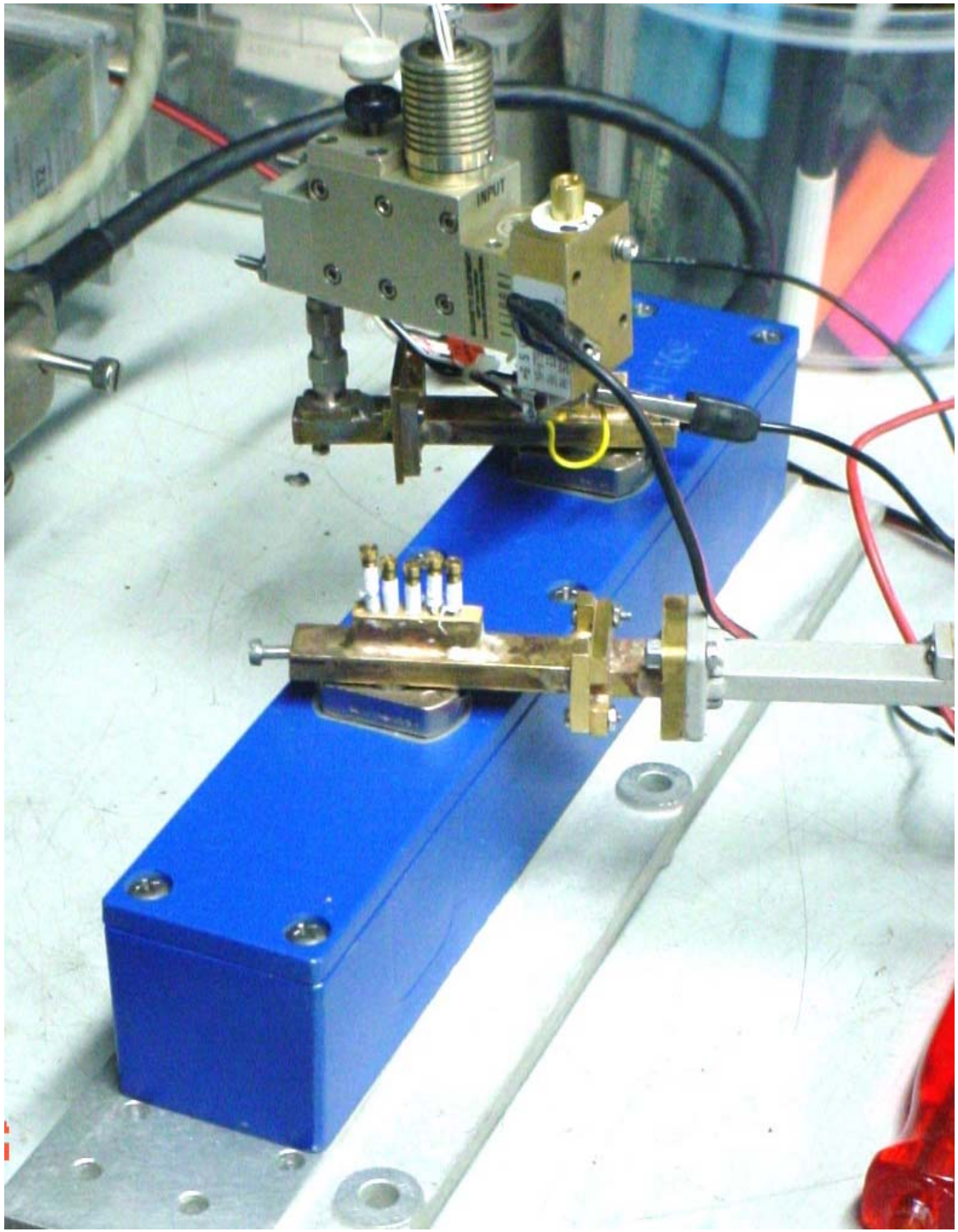
Power meter (with 10 GHz sensor and atten.) “say

“ 25dBm, but it is all warming!

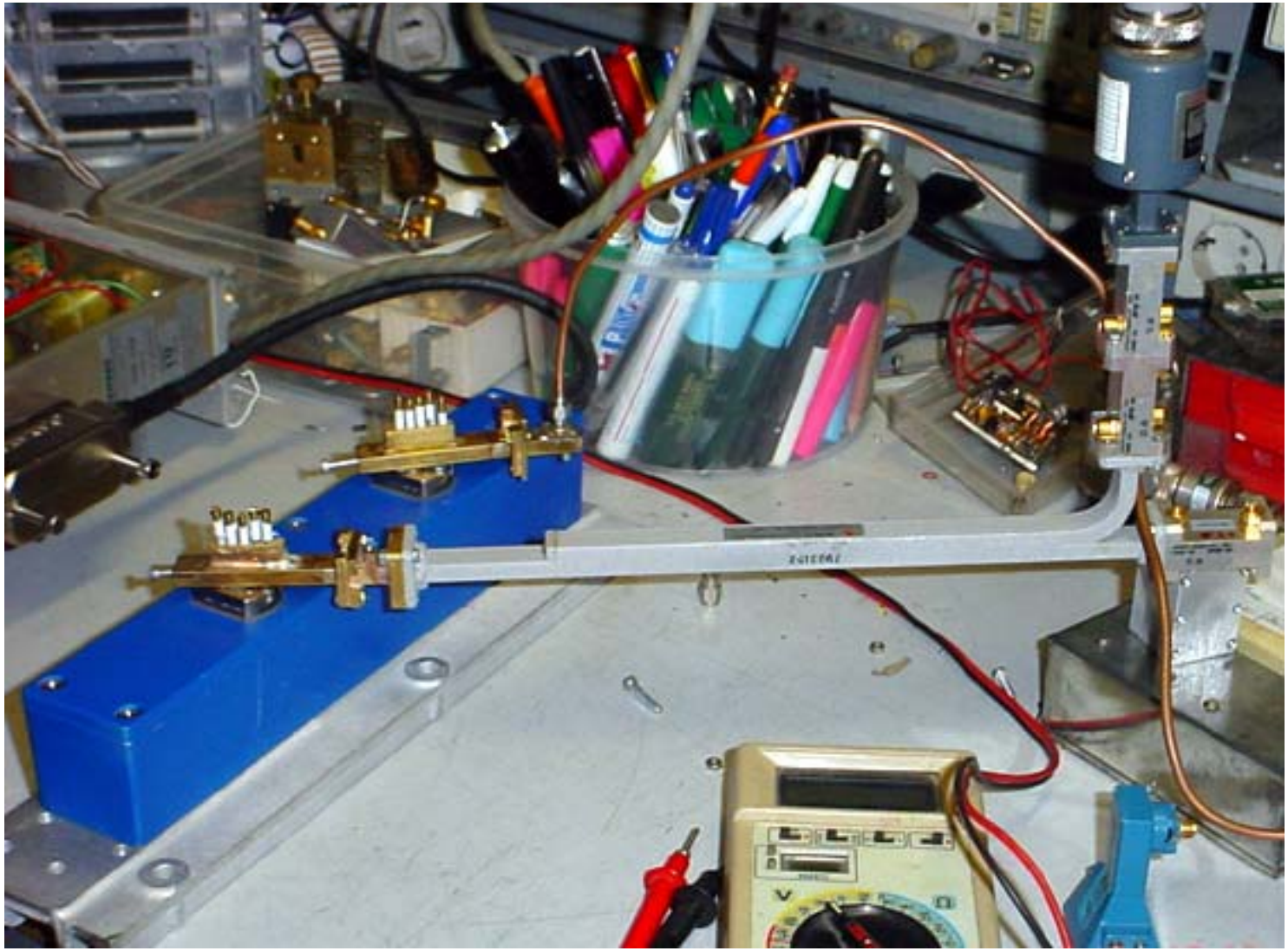


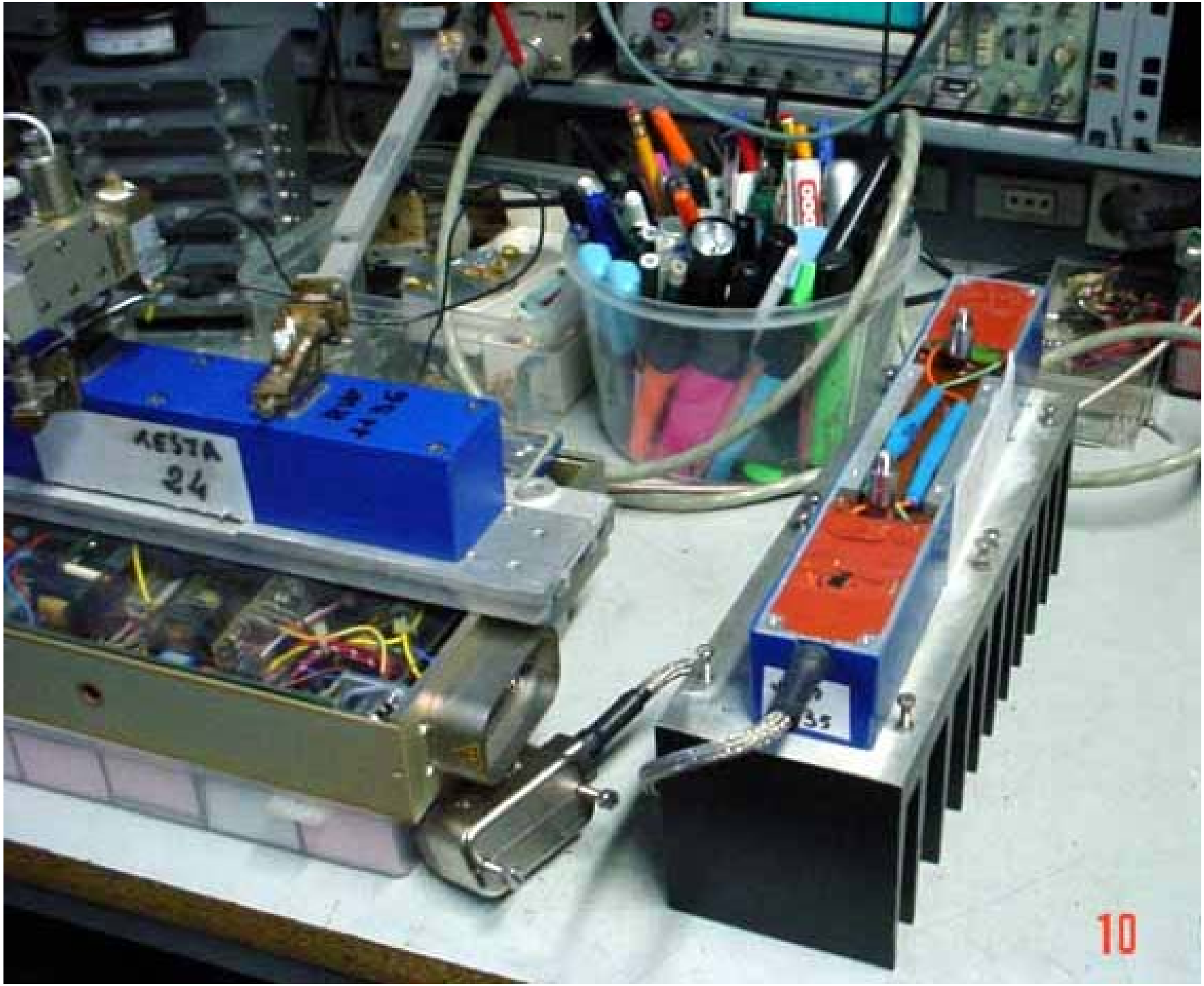
Gunn osc to driver RW2135



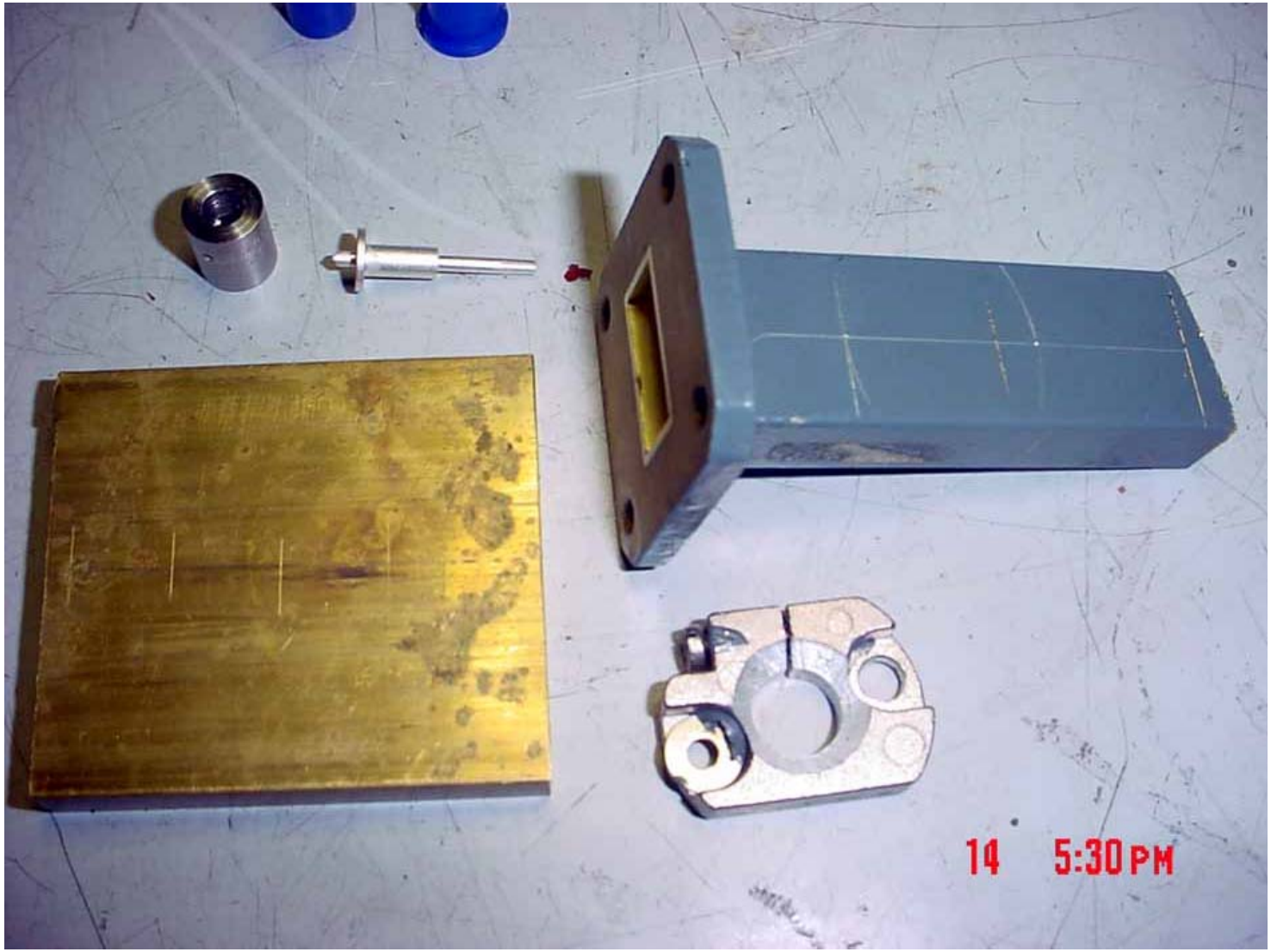

INPUT

Now power meter, with 24 GHz test set, read over 20 W (RW1136)



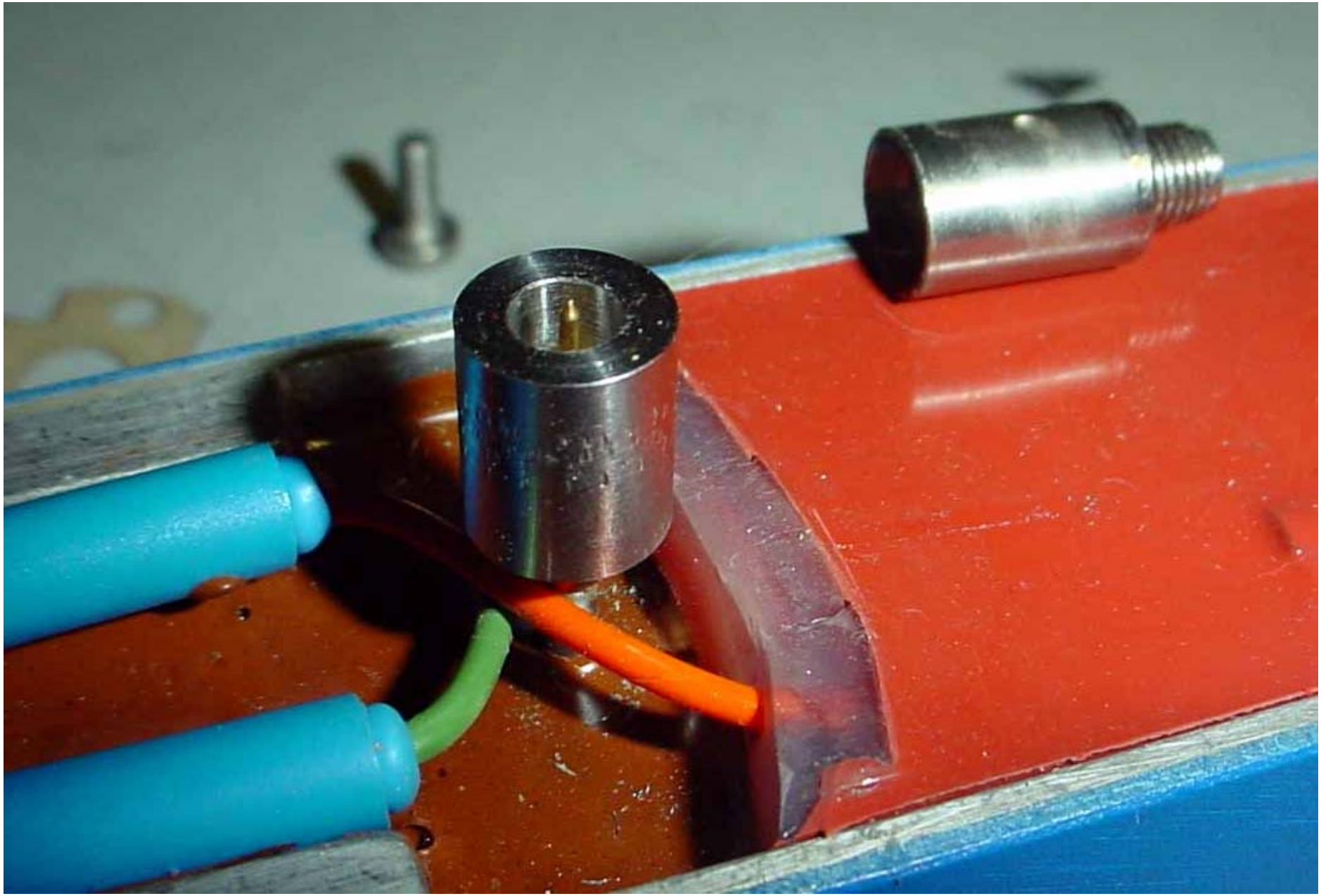

AESTA
24
10

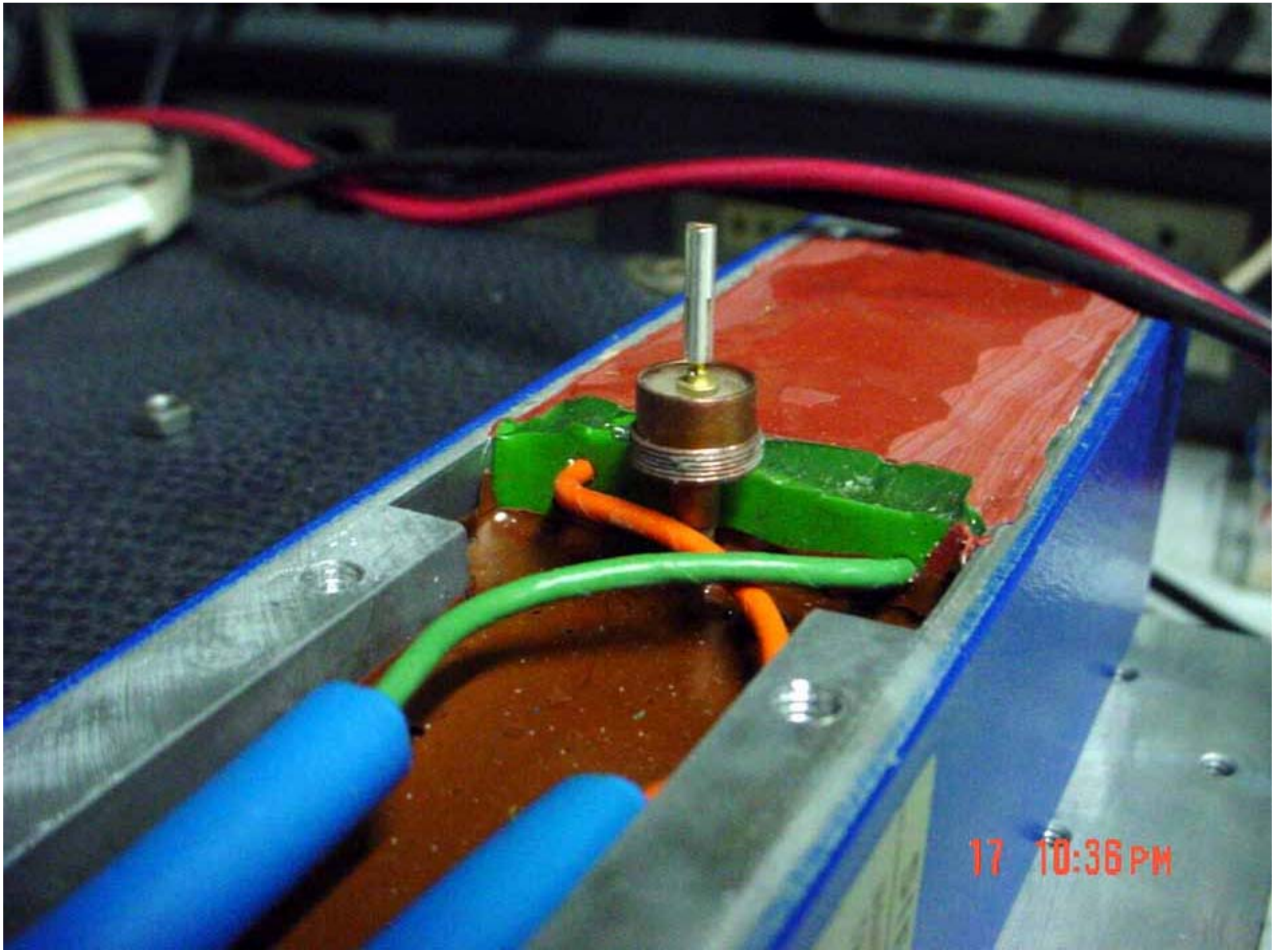
10 GHz



17 4:38 PM

17 4:37PM

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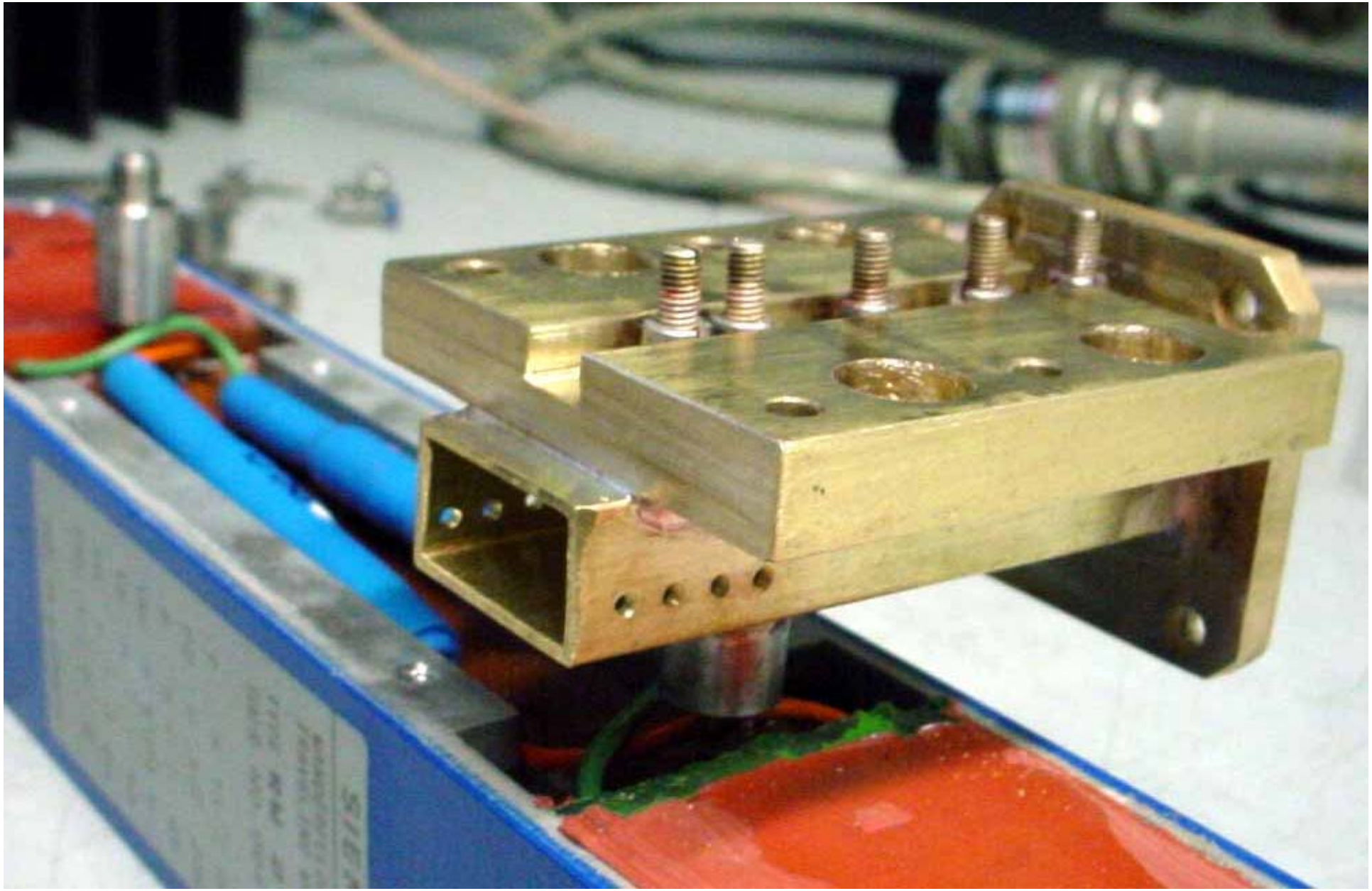
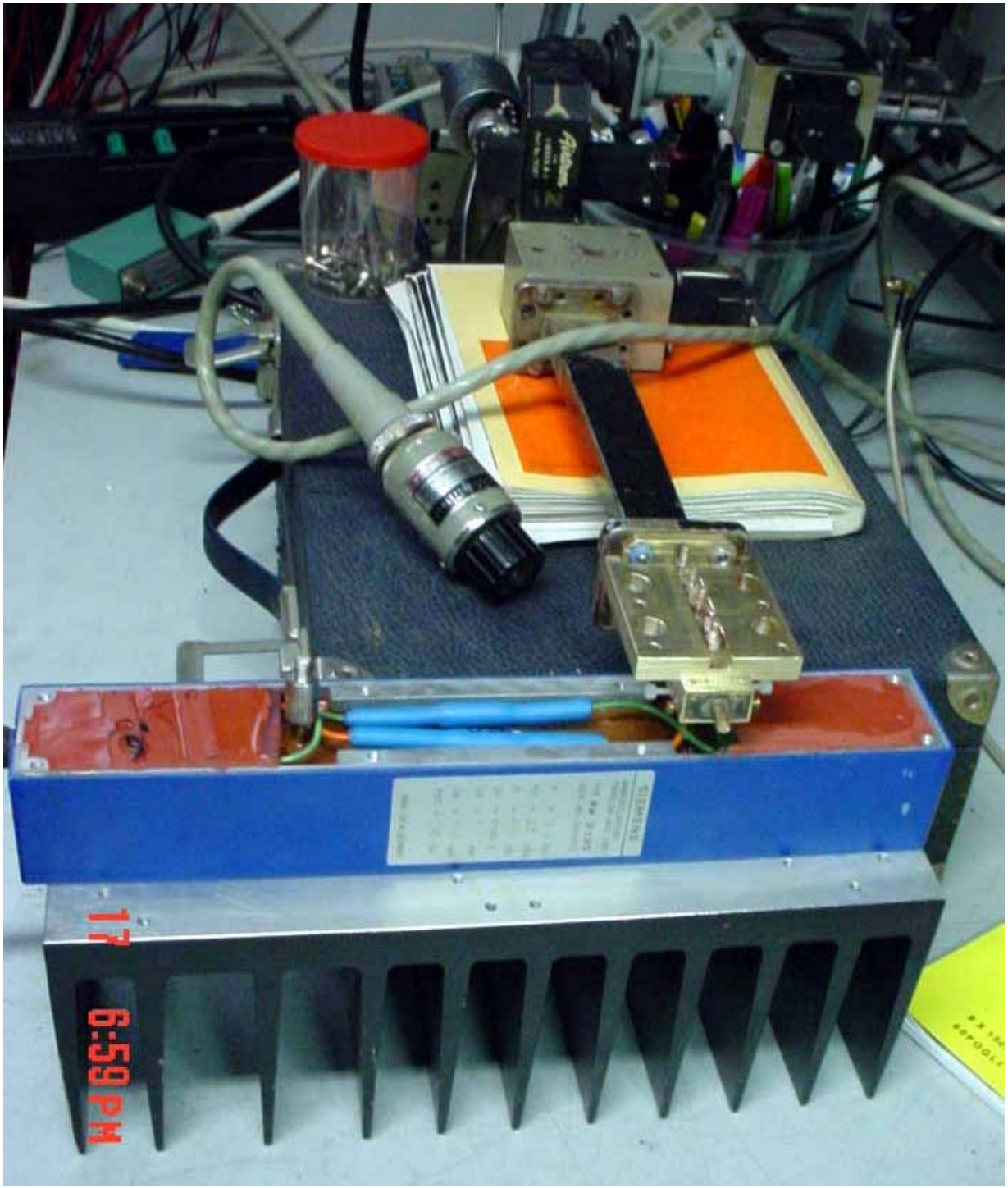
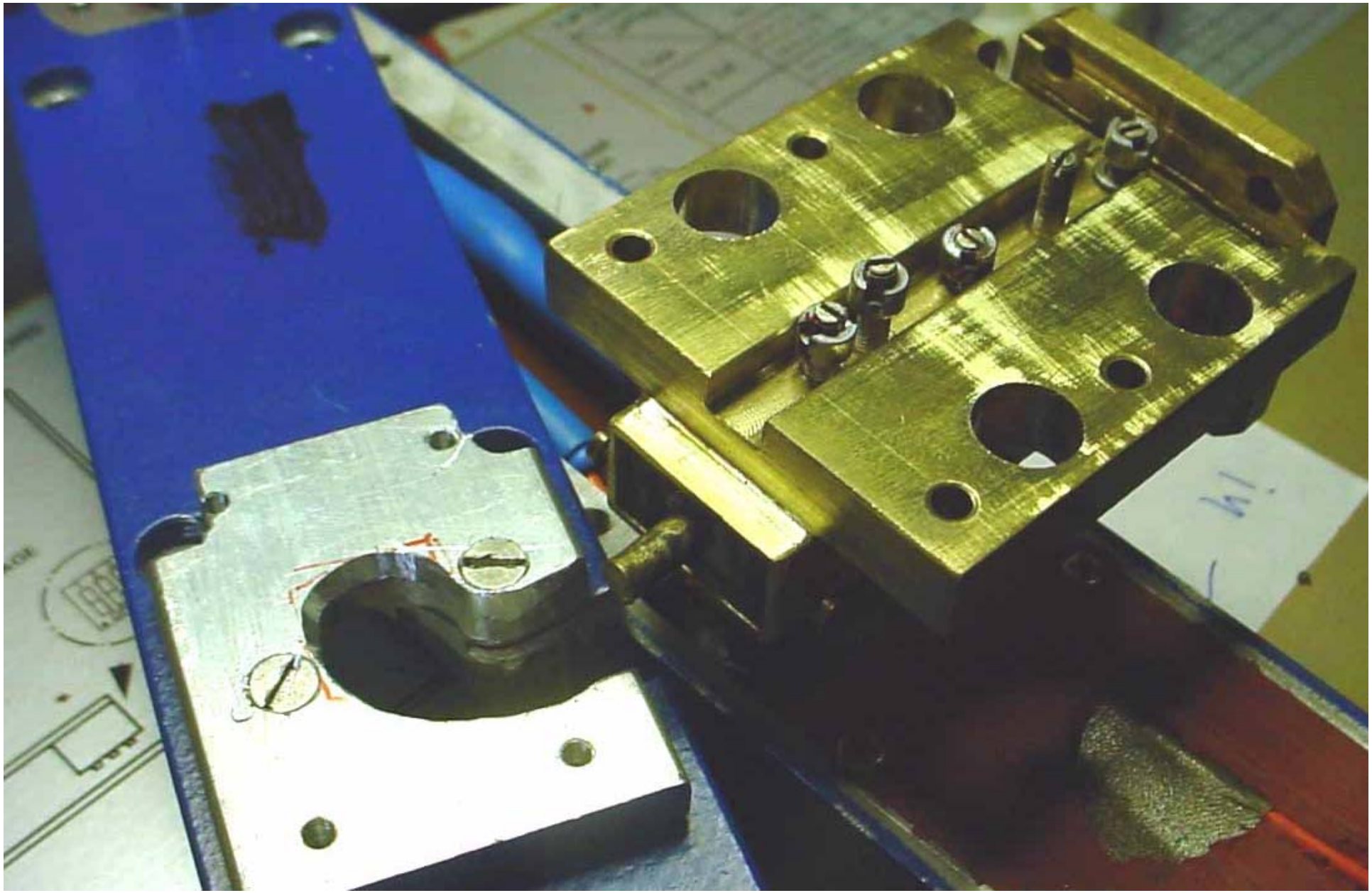
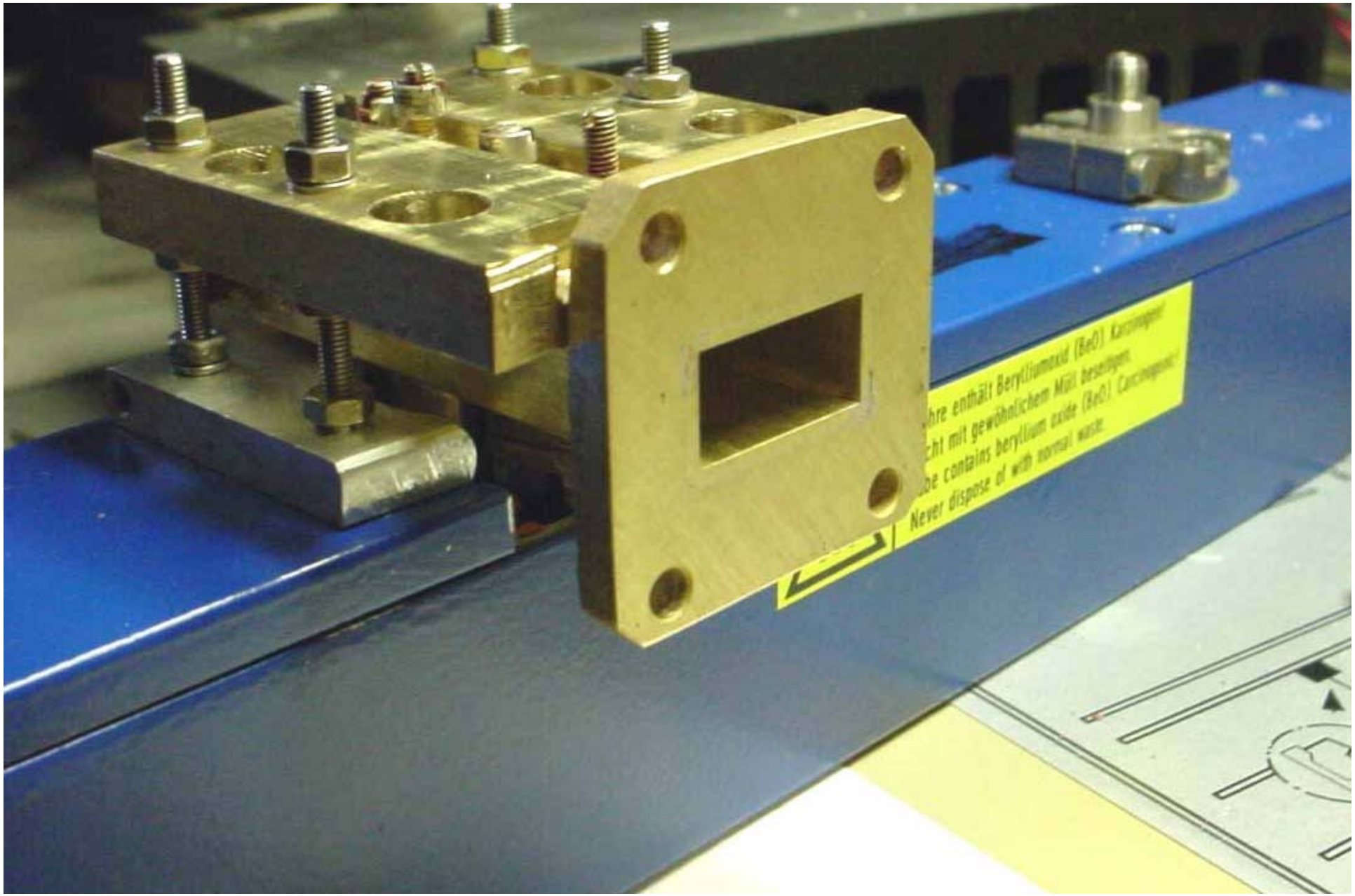
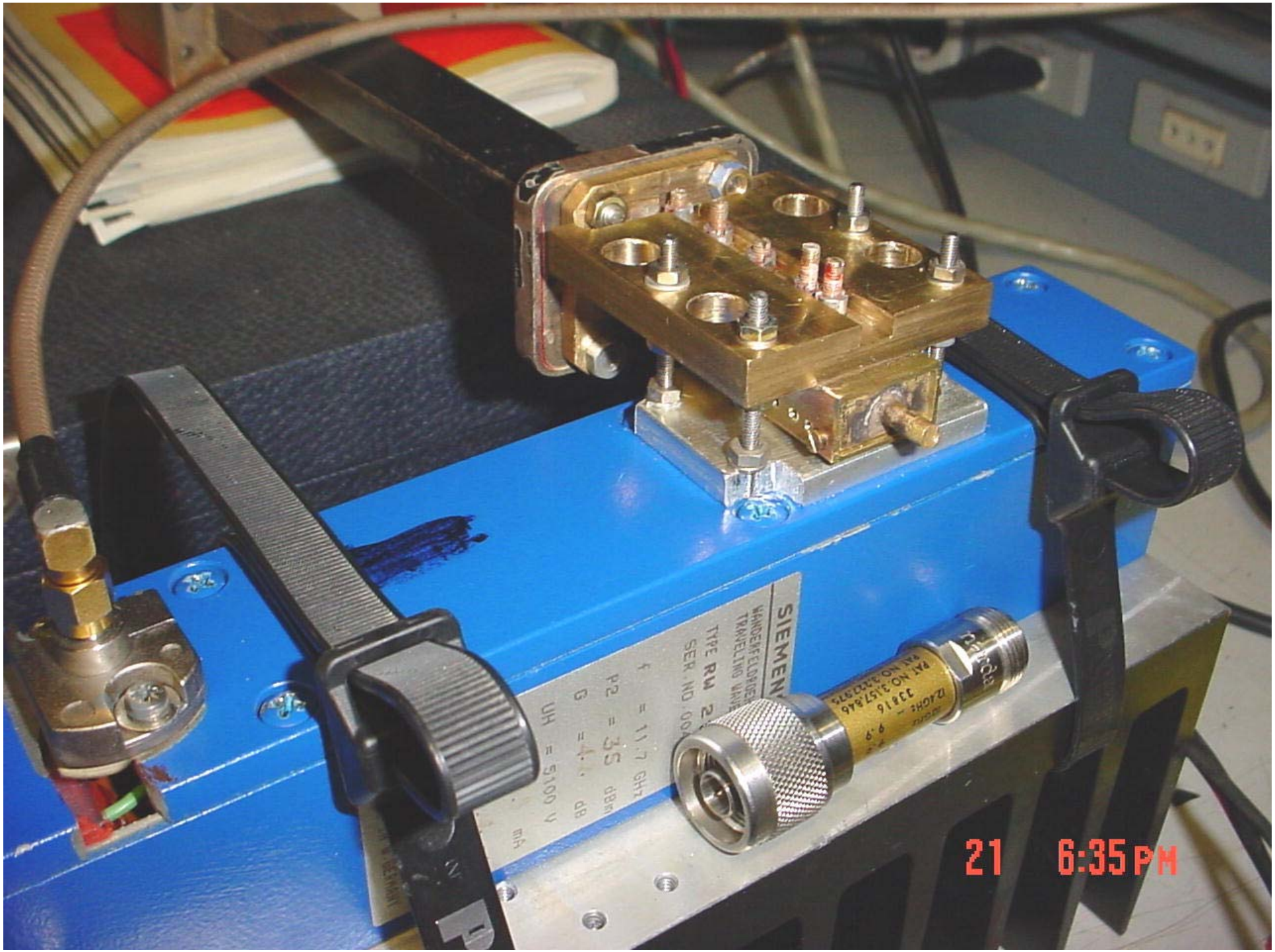


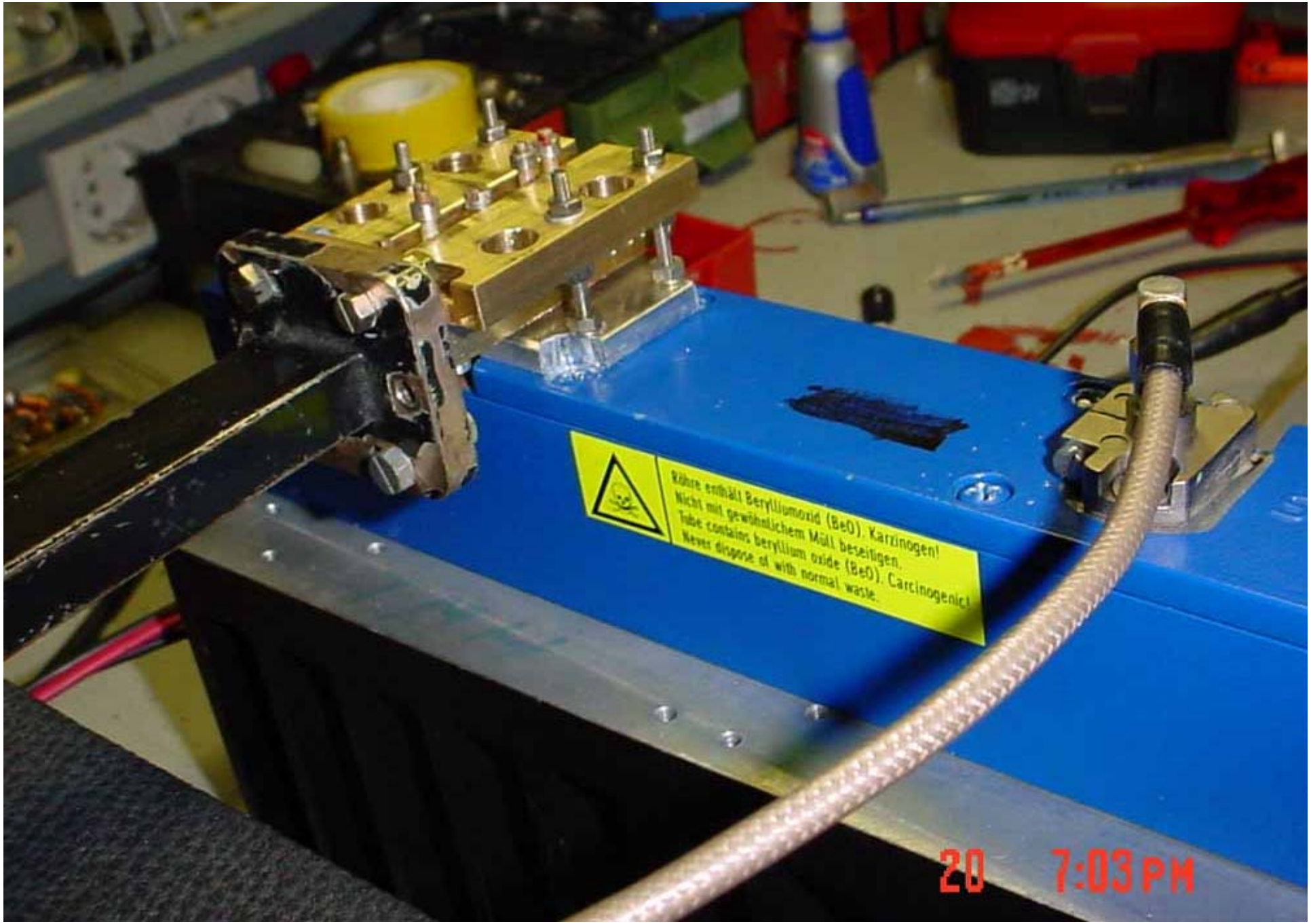

17
6:59PM


17 10:56 PM




hre enthält Berylliumoxid (BeO) Karzinogen
cht mit gewöhnlichem Müll beseitigen.
be contains beryllium oxide (BeO) Carcinogenic
Never dispose of with normal waste.


SIEMEN
21 6:35PM


Röhre enthält Berylliumoxid (BeO). Karzinogen!
Nicht mit gewöhnlichem Müll beseitigen.
Tube contains beryllium oxide (BeO). Carcinogenic!
Never dispose of with normal waste.
20 7:03 PM